

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. DATUMTE.008A	APPLICATION NO. 09/771,144
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		<i>RECEIVED</i>	
(USE SEVERAL SHEETS IF NECESSARY)		MAY 30 2001	
O I P E R C I S		Technology Center 2600	
APR 20 2001		FILING DATE January 20, 2001	
		GROUP Unknown	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
CD	3,950,750	4/13/76	Churchill, et al.	—	—	
	4,003,054	1/11/77	Goldstone	—	—	
	5,380,411	11/29/94	Lisle, Jr.	—	—	
	5,381,108	1/10/95	Whitmarsh, et al.	—	—	
↓	5,872,538	2/16/99	Fowler	—	—	

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
CD	WO 88/32221	7/23/98	PCT	—	—	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
CD	A.I. Sinsky, et al., <i>Error Analysis of a Quadrature Coherent Detector Processor</i> , IEEE Transactions On Aerospace and Electronic Systems, November 1974, pp. 880-883.
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	M. Faulkner, et al., <i>Automatic Adjustment Of Quadrature Modulators</i> , Electronics Letters, Vol. 27, No. 3, January 31, 1991, pp. 214-216.
	J.K. Cavers, et al., <i>Adaptive Compensation for Imbalance and Offset Losses in Direct Conversion Transceivers</i> , IEEE Transactions On Vehicular Technology, Vol. 42, No. 4, November 1993, pp. 581-588.
	A. Lohia, et al., <i>An Adaptive Digital Technique For Compensating For Analog Quadrature Modulator/Demodulator Impairments</i> , IEEE Pac Rim 1993, pp. 447-450.
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	A. Lohia, et al., <i>Adaptive digital linearization of RF power amplifiers</i> , Can. J. Elect. & Comp Eng., Vol. 20, No. 2, 1995.
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	G. Yang, et al., <i>IQ Modulator Image Rejection Through Modulation Pre-distortion</i> , IEEE 1998, pp. 1317-1320.
↓	J.K. Cavers, <i>The Effect of Quadrature Modulator and Demodulator Errors on Adaptive Digital Predistorters for Amplifier Linearization</i> , IEEE Transactions On Vehicular Technology, Vol. 46, No. 2, May 1997, pp. 458-468.

EXAMINER	Curtis Odom	DATE CONSIDERED	12/1/04
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT William Dean Warner, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE January 28, 2001	GROUP Unknown

EXAMINER INITIAL <i>Co</i>	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
<i>APR 20 2001</i>	<i>Patent & Trademark Office</i>
	<i>New Methods for Adaptation of Quadrature Modulators and Demodulators in Amplifier Linearization Circuits, IEEE Transactions On Vehicular Technology, Vol. 46, No. 3, August 1997, pp. 707-716.</i>
	<i>K. Gerlach, et al., An Adaptive Matched Filter that Compensates for I, Q Mismatch Errors, IEEE Transactions On Signal Processing, Vol. 45, No. 12, December 1997, pp. 3104-3107.</i>
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	<i>J.D. Owen, A Comparison Of Wide Bandwidth Quadrature Demodulators Using Computer Modelling, date and origin not known.</i>

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